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ELECTRONIC IMPACT DRILL 710W
POW30050

1 APPLIANCE

Your electronic impact drill has been designed for drilling in wood, metal, plastic, stone and concrete as well as for screwing applications.

Warning! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG A)

1. On/off-switch
2. Speed adjusting wheel
3. Lock-on button
4. Forward/reverse switch
5. Switch hammer drill function
6. Side handle
7. Chuck
8. Depth stop
9. body rotation lock button

3 PACKAGE CONTENT LIST

- Remove all packing materials
- Remove remaining packaging and transit supports (if existing)
- Check the completeness of the packing content
- Check the appliance, the power cord, the power plug and all accessories for transportation damages.
- Keep the packaging materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.

WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!

1pc impact drill 710W in BMC
1pc side handle
1pc depth stop
1pc manual

When parts are missing or damaged, please contact your dealer.

4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Warning / Danger		Wear ear protection
	Read manual before usage		Wear eye protection
	In accordance with essential applicable safety standards of European directives		Double insulated

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5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

5.1 Work area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

5.2 Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

5.4 Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or sticking of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to stick and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could lead to a hazardous situation.

5.5 Service

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

6 ASSEMBLY

6.1 Inserting and removing a drill or screw bit (fig. A)

- Open the chuck (7).
- Insert the drill or the screw bit in the chuck.
- Tighten the chuck firmly.
- In order to remove a drill or screw bit, proceed in reverse order.

Before inserting or removing a drill or screw bit always pull the plug from the wall socket.

6.2 Mounting the side grip (fig. A)

- Loosen the side grip (6).
- Slide the holder of the side grip over the drill chuck on the machine.
- Turn the side grip in the required position and tighten it firmly.

6.3 Mounting the depth stop (fig. A)

The depth stop is used to limited the maximum drilling depth.

- Loosen the side grip (6).
- Insert the depth stop (8) in the hole in the holder of the side grip.
- Adjust the depth stop to the required drilling depth.
- Tighten the side grip firmly.

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7 OPERATION

7.1 Selecting the operating mode (fig. A)

Select the required operating mode before use (drilling or hammer drilling).

- For drilling in wood, metal, plastics and soft stone and for driving screws, slide the switch (5) to the left.
- For drilling in concrete or hard stone, slide the switch (5) to the right.

Always wait until the motor has come to a complete standstill before changing the operating mode.

7.2 Changing the direction of rotation (fig. A)

- Press the forward/reverse switch (4) to the left to drill or to fasten screws.
- Press the forward/reverse switch (4) to the right to loosen screws,

Always wait until the motor has come to a complete standstill before changing the direction of rotation.

7.3 Adjusting the speed (fig. A)

This machine has been fitted with an adjusting wheel (2) for the maximum speed.

- Turn the adjusting wheel (2) as indicated on switch (1) to set the maximum speed.

7.4 Switching on and off (fig. A)

- To switch the machine on, press the on/off switch (1). The further you press the switch, the higher the speed of the machine.
- To switch off the machine, release the on/off switch (1).
- To switch the machine to continuous mode, keep the on/off switch (1) pressed and at the same time press the lock-on button (3). Subsequently release the on/off switch.
- To switch off continuous mode, press the on/off switch (1) again.

7.5 Body rotation.

The body of your POW 30050 can be rotated over 180° (90° to left – 90° to the right). To do so, pull the body rotation lock button (9) backwards to unlock the body, turn the machine to the desired position, release the button.
The machine can be blocked in -90°, -45°, 0°, 45° & 90°. (the lock button latched into place automatically)

8 TECHNICAL DATA

Mains voltage	230V
Mains frequency	50Hz
Power input	710 W
No load speed	0-3500 min^{-1}
N° of strokes no load	0-42.000 min^{-1}
Chuck capacity	13 mm
Weight	3.3 kg

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9 NOISE

Noise values measured according to relevant standard. (K = 3)

Acoustic pressure level LpA	97 dB(A)
Acoustic power level LwA	108 dB(A)

ATTENTION! The sound power level may exceed 85 dB(A), in this case individual hearing protection shall be worn.

aw (Vibration)	18.4 m/s²	K = 1.5 m/s²

10 WARRANTY

- This product is warranted as provided by law for a 24 -month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws. It does not include defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from misuse, accidents or alterations; nor the cost of transportation.
- This warranty covers all material or production flaws, excluding batteries, chargers, defective parts subject to normal wear and tear such as, in particular, bearings, brushes, cables, plugs… Accessories such as drills, drill bits, saw blades etc. do not fall under this warranty.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorised customer service centre for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.

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11 ENVIRONMENT

Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way.
Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

12 DECLARATION OF CONFORMITY

VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,
product : ELECTRONIC impact DRILL
trade mark : POWERplus
model : POW30050

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives, and their amending directives:
2004/108/EC
2006/42/EC

European harmonized standards, and their amendments:
EN60745-1 : 2009
EN60745-2-1 : 2010
EN55014-1 : 2006
EN55014-2 : 1997
EN61000-3-2 : 2006
EN61000-3-3 : 2008

The undersigned acts on behalf and under the power of attorney of the company management,

Hugo Cuypers
Certification Manager
14/03/12

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